

ABSTRACT

A communication apparatus that is selectively connected to a central communication apparatus. The communication apparatus transmits a CLR signal to the central communication apparatus that indicates a capabilities list of the communication apparatus, and also requests that the central communication apparatus transmit a capabilities list of the central communication apparatus to the communication apparatus. Upon receipt of a CL signal from the central communication apparatus that indicates a capabilities list of the central communication apparatus, the communication apparatus transmits an ACK signal or a MS signal to the central communication apparatus that designates a particular communication mode.